

ACCESSION NR: AT4033572

S/2922/63/009/000/0284/0286

AUTHOR: Vasil'chenko, I. V.; Vorontsov, P. A.; Dovgalyuk, Yu. S.; Maslov, S. I.

TITLE: Problems in the method of studying the lower layer of the atmosphere from ships

SOURCE: Vsesoyuznoye nauchnoye meteorologicheskoye soveshchaniya. 1st, Leningrad, 1961. Priory\* i metody\* nablyudeni (Instruments and methods of observation); trudy\* soveshchaniya, v. 9. Leningrad, Gidrometeoizdat, 1963, 284-286

TOPIC TAGS: meteorology, aerology; atmospheric boundary layer, meteorological instrument, meteorological observation

ABSTRACT: The problems of making systematic observations of the structure of the boundary layer of the atmosphere over the ocean surface are discussed. The Glavnaya geofizicheskaya observatoriya (Main Geophysical Observatory) made such studies in the summer of 1960 by balloon and helicopter ascents from two research vessels in the Atlantic. The difficulties involved in using helicopters are described; the helicopter took off from an 8 X 8 m pad on the prow of an 8,000-ton vessel. The standard KA-15 helicopter was equipped with the helicopter electro-meteorograph developed by the Tsentral'naya aerologicheskaya observatoriya

Card 1/2

ACCESSION NR: AT4033572

(Central Aerological Observatory); a meteorograph with mechanical recording was carried for comparative purposes. Temperature, pressure, temperature fluctuations and humidity were recorded. Fifty such flights indicated that the Central Aerological Observatory instrument is satisfactory and easy to use. The vessel has a distorting influence on the measurements of air temperature and humidity; a special helicopter flight program is described which eliminates these distortions. A MAZ-1 captive balloon was used in observations from a 1,200-ton vessel. The balloon meteorograph developed by the Main Geophysical Observatory was suspended to the cable of the helium-filled envelope. The balloon-launching method is essentially the same as used on land; the balloon was permitted to assume the following levels: 25, 50, 100, 150, 200, 300, 400, 500 and 700 meters, being held at each level for 3 to 5 minutes. Problems involved in the use of meteorological balloons aboard ships are discussed briefly.

ASSOCIATION: Glavnaya geofizicheskaya observatoriya (Main Geophysical Observatory)

SUBMITTED: 00

DATE ACQ: 16Apr64

ENCL: 00

SUB CODE: ES

NO REF SOV: 003

OTHER: 000

Card 2/2



... the ...  
equipment used could not detect variations in the index of refraction within and

L 40284-66 ENT(1) GN

ACC NR: AR6014558

SOURCE CODE: UR/0169/65/000/011/B021/B021

AUTHOR: Vasil'chonko, I. V.

TITLE: The principal types of vertical temperature and wind profiles in the lower 500-m layer according to balloon observations in the area of Shchekino GRES

SOURCE: Ref. zh. Geofizika, Abs. 11B157

REF SOURCE: Tr. Gl. geofiz. observ., vyp. 172, 1965, 94-103

TOPIC TAGS: wind profile, meteorologic balloon, atmospheric stratification, atmospheric temperature gradient, wind gradient

ABSTRACT: Six basic types of stratification of the lower layer with an altitude of 500 m could be distinguished according to data from 123 ascents of a meteorograph (68 in March--April 1962--1963 and 55 in June--August 1962) in the area of the Shchekino GRES. The following criteria underlie the classification: the sign of the instability energy, the magnitude and sign of the vertical temperature gradient, and also their variation with altitude. The characteristic of the change in wind velocity with altitude above the surface layer was taken as the basic criterion, determining the type of wind profile. Six types were distinguished according to this criterion. Typical temperature and wind profiles are given, and the presence of a relationship between them is noted. [Translation of abstract]

SUB CODE: 04

Card 1/1 *MLP*

UDC: 551.524.7

BEITYACHOVA, M.A.; MAKIN, I.V.; GAB. BABA, V.P.

Data on the form of a smoke jet in relation to the characteristics  
of the structure of the boundary layer. Truly GOS no. 172:86-93 '65.  
(MIRA 18:8)

**"APPROVED FOR RELEASE: 08/31/2001**

**CIA-RDP86-00513R001858720018-1**

**APPROVED FOR RELEASE: 08/31/2001**

**CIA-RDP86-00513R001858720018-1"**

MISSION N° 171

171-171

an appreciable break related to an inversion layer within the 500-mb layer; type 110; 171-



L 52992-65

ACCESSION NR: AT5019740

Fig. 2 of the Enclosure illustrates these types. Both temperature and wind profiles are analyzed fully in the text. Orig. art. has: 2 figures and 3 tables.

ASSOCIATION: Glavnaya geofizicheskaya observatoriya, Leningrad (Main Geophysical Observatory)

SUBMITTED: 00

ENCL: 02

SUB CODE: ES

NO REF SOV: 004

OTHER: 000

ACCESSION NO. 100-100000



**"APPROVED FOR RELEASE: 08/31/2001**

**CIA-RDP86-00513R001858720018-1**

**APPROVED FOR RELEASE: 08/31/2001**

**CIA-RDP86-00513R001858720018-1"**

TITLE: Errors in aerological measurements and a comparison of the results of measurements of balloons in Soviet and American balloons.

data; c) the wind velocity data; and d) the temperature and wind measurements by means of balloons in Soviet and American balloons.

has: 25 formulas, 3 figures, and 1 table.

ASSOCIATION: Glavnaya geofizicheskaya observatoriya, Leningrad (Main Geophysical Observatory)

SUMMARY:

Card 2/2

SOLOMKIN, P.S., prof.; KVASNIKOV, A.K., kand.vet.nauk; VASIL'CHENKO, I.V.

Question of the plurality of the hog cholera virus. Veterinariia 36  
no.2:45-48 F '59.

(MIRA 12:2)

(Hog cholera)

OB"YEDKOV, G.A., kand.veterin.nauk; VASIL'CHENKO, I.V., kand.veterin.nauk

Use of antibrucellosis vaccines from strains Nos. 19 and 68 in White  
Russia. Trudy NIVI 1:19-23 '60. (MIRA 15:10)  
(White Russia—Brucellosis in cattle)

VASIL'CHENKO, I.V., kand.veterin.nauk

Preparation of a vaccine against pasteurellosis in sheep and a  
test of its immunogenic properties. Trudy NIVI 1:48-49 '60.

(MIRA 15:10)

(Hemorrhagic Septicemia)(Sheep--Diseases and pests)

*same link*



VASIL'CHENKO, L.A.; DROZDOVA, V.M.

Methodology of nitrogen determination in atmospheric precipitation  
water. Trudy GGO no.141:99-103 '63. (MIRA 17:4)

ORESTOV, I.L.; VASIL'CHENKO, L.D.; DUDNICHENKO, L.A.

Volumetric determination of zinc in the presence of 2,6-dichlorophenol  
indophenol. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 4 no.2:319-  
320 '61. (MIRA 14:5)

1. Pyatigorskiy farmatsevticheskiy institut. Kafedra analiticheskoy  
khimii.

(Zinc—Analysis) (Indophenol)

ROD'KHA, Z.I.; VASIL'CHENKO, L.F. [Vasyl'chenko, L.F.]; KOREN'KOV, P.M.

Processing of nitron in woolen (condenser) spinning systems. Leh.  
prom. no.3:3-6 J1-S '64. (MIRA 17:10)

VASIL'CHENKO, L.G.

Materials on anesthesia in orthopedic stomatology. Stomatologiya  
42 no.4:60-63 J1-Ag'63 (MIRA 17:4)

1. Iz kafedry stomatologii (zav. - prof. Yu.I. Bernadskiy)  
Ukrainskogo instituta usovershenstvovaniya vrachey (rektor -  
dotsent I.I. Ovsienko).

VASIL'CHENKO, L.S., agronom.

What a collective farm gains from the new make-up of cultivated  
areas. Zemledelie 4 no.6:104-108 Je '56. (MLBA 9:8)

1. Kolkhoz imeni Stalina, Mirgorodskogo rayona, Poltavskoy oblasti.  
(Ukraine--Agriculture)

L 27377-66 FBD/EWT(1)/EWT(m)/EEC(k)-2/T/EWP(k)/EWA(h) IJP(c) WG/JD  
 ACC NR: AP6015439 SOURCE CODE: UR/0051/66/020/005/0915/0916

AUTHOR: Vasilenko, L. S.; Chebotayev, V. P.

ORG: none

TITLE: Transition competition and the generation of the 6401 Å line in the absence of a dispersing prism in the cavity of an He-Ne laser 25

SOURCE: Optika i spektroskopiya, v. 20, no. 5, 1966, 915-916

TOPIC TAGS: gas laser, laser

ABSTRACT: The dependence of the amplification on the active length of an He-Ne laser equipped with Brewster angle mirrors was investigated using a discharge tube with a 3.7 mm inner diameter in which the discharge length (l) could be varied between 20 and 140 cm. The increased amplification due to greater tube length l could be compensated by increasing the attenuation in the laser. This was achieved by rotating a glass plate mounted in the cavity relative to the axis perpendicular to the polarization. It was established that amplification obtained just above the threshold (G) for oscillation varied linearly with the discharge length, reaching saturation at l = 120 cm. Replacement of one of the dielectric mirrors with a silver mirror (equivalent to increasing the Q of the cavity on the 3.39 μ line) lowered the value of l at which saturation occurred. When a prism was placed in the cavity, G varied linearly with (l) throughout the whole range of l = 20—140 cm (lack of saturation), indicating

Card 1/2

UDC: 621.375.9:535

L 27377-66

ACC NR: AP6015439

that saturation achieved without a prism is associated with oscillations on the 3.39  $\mu$  line. The linear dependence of G on I and therefore the absence of oscillations on other transitions was attributed to depletion of the  $3s_2$  level due to oscillation on the 6328 Å line. An attempt was made to attain laser action on other transitions by using a quartz plate in the cavity to suppress oscillations on the 6328 Å line. Rotation of the quartz plate for a few minutes made it possible to attain laser action on both the 6328 and 6401 Å lines. Orig. art. has: 1 figure. [CS]

SUB CODE: 20/ SUBM DATE: 24Sep65/ ORIG REF: 001/ OTH REF: 002/ ATD PRESS:

4259

Card 2/2

VASIL'CHENKO, I.V., inzh.

Change in the schematics of internal connections of IT-85  
and IT-86 relays. Energetik 8 no.7:28-29 J1 '60.  
(MIRA 13:8)

(Electric relays)



1. VASIL'CHENKO, M.
2. USSR (600)
4. Airplanes - Models
7. Incadandescent sparkplug, Kryl rod. h no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953. Unclassified.

VASIL'CHENKO, H.

AID - P-146

Subject : USSR/Aeronautics  
Card : 1/1  
Author : Vasil'chenko, M.  
Title : Piloted Models  
Periodical : Kryl. Rod., 1, 16 - 17, Ja 54  
Abstract : The author explains special features of piloted models  
and compares them with line-controlled models. Some  
figures are given. Diagrams.  
Institution : None  
Submitted : No date

VASIL'CHENKO, M.

AID P - 1268

Subject : USSR/Aeronautics

Card 1/1 Pub. 58 - 12/15

Author : Not given

Title : New books

Periodical : Kryl. rod., 2, 17, F 1955

Abstract : Three books are briefly reviewed: 1. Vodop'yanov, M. V., On Wings in the Arctic; 2. Storchiyenko, P., From Higher Altitudes; 3. Vasil'chenko, M. and Yu. Khukhra, Line High Speed Model of the Type "Flying Wing" with a Jet Engine.

Institution : None

Submitted : No date

AID P - 3127

Subject : USSR/Aeronautics

Card 1/1 Pub. 58 ~ 13/24

Author : Vasil'chenko, M., (Capt. of the team of the USSR)

Title : Sport meeting in Czechoslovakia

Periodical : Kryl. rod., 10, 17-20, 0 1955

Abstract : The author reviews a sport meeting of aircraft modelers of various People's Republics which took place in Bulgaria. He gives a brief history of former meetings, describes various competitions, mentions names of competitors and gives general characteristics of aircraft models. Photos, diagram.

Institution : None

Submitted : No date

The World Championship in Aircraft Modelmaking

85-10-26/35

The Sport Master Yu. Sokolov won the second place in the individual competition; he was awarded a cup and a silver medal. The Soviet sportsmen, who for the first time took part in the competitions with the launching cord equipped aircraft models, won the fourth place. The highest speed attained by the M. Vasil'chenko's model was 197 km per hour. This article, which supplies also information about the achievements of sportsmen of other countries, is concluded with a statement that evidently the launching cord equipped aircraft modelmaking is not on a proper level in the USSR and that the Soviet participants were handicapped by the lack of special engines for their models and by insufficient training with these models. There are four photos of the above mentioned glider modelmakers.

AVAILABLE: Library of Congress

Card 2/2

VASIL'CHENKO, M.

85-58-1-17/28

AUTHOR: None given

TITLE: New Books (Novyye knigi)

PERIODICAL: Kryn'ya rodiny, 1958, Nr 1, p 20 (USSR)

ABSTRACT: Two books are reviewed: 1) V. P. Kaznevskiy, Explorers of Interplanetary Space (Razvedchiki mezhplanetnogo prostranstva), a popular presentation published by DOSAAF, Moscow, 1957, dealing with rocket technique. The pamphlet includes a brief historical survey of Soviet scientists' accomplishments in this field and theoretical bases of rocket flight with description of a rocket. An appendix contains brief information on foreign high-altitude rockets. This DOSAAF publication, Moscow, 1957. 2) V. and M. Vasil'chenko, Cord-Controlled Models (Kordovyye letayushchiye

Card 1/2

New Books

85-58-1-17/28

modeli), published by DOSAAF, Moscow, 1957, contains a detailed description of methods of constructing different types of cord-controlled model airplanes.

AVAILABLE: Library of Congress

Card 2/2

85-58-1-17/28

AUTHOR: None given

TITLE: New Books (Novyye knigi)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 1, p 20 (USSR)

ABSTRACT: Two books are reviewed: 1) V. P. Kaznevskiy, Explorers of Interplanetary Space (Razvedchiki mezhplanetnogo prostranstva), a popular presentation published by DOSAAF, Moscow, 1957, dealing with rocket technique. The pamphlet includes a brief historical survey of Soviet scientists' accomplishments in this field and theoretical bases of rocket flight with description of a rocket. An appendix contains brief information on foreign high-altitude rockets. This DOSAAF publication, Moscow, 1957. 2) V. and M. Vasil'chenko, Cord-Controlled Models (Kordovyye letayushchiye

Card 1/2



New Books

85-58-1-17/28

modeli), published by DOSAAF, Moscow, 1957, contains a detailed description of methods of constructing different types of cord-controlled model airplanes.

AVAILABLE: Library of Congress

Card 2/2

VASIL'CHENKO, M.

85-58-2-27/36

AUTHORS: V. Vasil'chenko, Sportsman 1st Rank, and M. Vasil'chenko, Master of Sports

TITLE: Construction of the Geometry of a Propeller Blade for a Piston Engine Model (Postroyeniye geometrii lopasti vozdušnogo vinta modeli s porshnevym dvigatelem)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 2, pp 26-27 (USSR)

ABSTRACT: The authors discuss the various geometrical characteristics of propeller blades. There are 4 drawings.

AVAILABLE: Library of Congress

Card 1/1

AUTHORS: Vasil'chenko, M. and Gayevskiy, O., <sup>85-58-7-30/45</sup> Master of Sports  
TITLE: Line-controlled Speed-plane Model (Kordovaya skorostnaya  
model' samoleta)

PERIODICAL: Kryl'ya rodiny, 1958,<sup>9</sup> Nr 7, p 22 (USSR)

ABSTRACT: The authors describe the new norms applied to line-controlled models introduced in the current year. There is 1 sketch.

1. Airplanes--Model building--Standards

Card 1/1

VASILCHENKO, M.

PHASE I BOOK EXPLOITATION		SOV/NOGO
<p>aviamodelling sbornik statey. Posobie dlya rukovodivshykh aviamodel'nykh krugov i uchitel'nykh (Aircraft Modeling: Collection of Articles. Textbook for Instructors of Model Aircraft Clubs and Teachers) Moscow, Ginepedit, 1960. 141 p. 12,000 copies printed.</p> <p>Compilers: E. B. Kikhtunov, Candidate of Technical Sciences, and M. S. Lashinsky, Candidate of Technical Sciences; Ed.: V. I. Korneev.</p> <p>PURPOSE: This book is intended for instructors and directors of model airplane clubs sponsored by DOSAAF (All-Union Voluntary Society for Promotion of the Army, Navy, and Air Force).</p> <p>COVERAGE: The book consists of 17 articles covering various aspects of model aircraft design, construction and operation. The text contains many illustrations and diagrams. No personalities are mentioned. There are 185 references, all Soviet.</p>		
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VASIL'CHENKO, M.P.

Investigating operation of a new type clarifier. Vol. 1 san. tech.  
no.3:19-21 Mr '57.

(MLBA 10:6)

(Water--Purification)

VASIL'CHENKO, M. V.

Alekseyeva, A. K. and Vasil'chenko, M. V. "Albumen and vitamin feeding of breeding geese," Trudy Nauch.-issled. in-ta ptitsevodstva, Vol. XIX, 1948, p. 135-139

SO: U-2888, Letppis Zhurnal'nykh Statey, No. 1, 1949

VASIL'CHENKO, N.A., inzh.

Automatic adjustment of arc furnaces in case of voltage change  
in the network. Izv.vys.ucheb.zav.; energ. 3 no.6:57-66  
Je '60. (MIRA 13:6)

1. Kuybyshevskiy industrial'nyy institut imeni V.V.Kuybysheva.  
Predstavlena kafedroy teoreticheskoy i obshchey elektrotekhniki.  
(Automatic control) (Electric furnaces)

VASIL'CHENKO, N.A., inzh.

Calculating the nonsymmetric characteristics of three-phase arc  
furnaces. Izv.vys.ucheb.zav.; energ. 2 no.4:53-61 Ap '59.  
(MIRA 12:9)

1. Kuybyshevskiy industrial'nyy institut imeni V.V.Kuybysheva.  
Predstavlena kafedroy teoreticheskoy i obshchey elektrotehniki.  
(Electric furnaces)



VASIL'CHENKO, N.A.

Sensitivity of the automatic control systems of an arc  
furnace. Izv. vys. ucheb. zav.; elektromekh. 4 no.10:113-  
116 '61. (MIRA 14:11)

(Automatic control)  
(Electric furnaces)

VASIL'CHENKO, N.A.

Selection of signals for the automatic control of three-phase arc  
furnaces. Izv. vys. ucheb. zav.; elektromekh. 4 no.2:111-122  
(Electric furnaces) (14:9)

SERGEYEV, P.F., inzhener.; VASIL'CHENKO, N.I., inzhener.

Performance of blast furnaces operated at 0.8 atm. gas pressure  
in the charge. Stal' 16 no.11:963-971 W '56. (KZRA 10:1)

1. Novo-Lipetskiy metallurgicheskii zavod.  
(Blast furnaces)

SOV/133-58-10-3/31  
AUTHORS: Vasil'chenko, N.I., Kotov, V.I., Nikitin, A.N. and  
Norik, N.P., Engineers, and Ostroukhov, M.Ya., Candidate  
of Technical Sciences.  
TITLE: The Influence of Blast Temperature on the Dimensions of  
the Oxidising Zone in a Blast Furnace (Vliyaniye tempera-  
tury dut'ya na razmery okislitel'noy zony v domennoy  
pechi)  
PERIODICAL: Stal', 1958, Nr 10, pp 869 - 874 (USSR)  
ABSTRACT: In view of the conflicting evidence on the influence of  
the blast temperature on the dimensions of the combustion  
zone, the authors carried out an investigation of the  
problem on a blast furnace of the Novo-Lipetskiy Works  
(Figure 1) producing foundry iron (2.0-3.5% Si). The  
furnace output was about 1 000 tons/day, slag basicity  
 $\text{CaO/SiO}_2$  1.05-1.10, blast volume 2 100 - 2 300  $\text{m}^3/\text{min}$ ,  
blast temperature 800 °C, blast humidity 20 - 25  $\text{g/m}^3$  and  
top pressure 0.8 atm. During the investigation, the  
furnace operation was not steady due to a large proportion  
of fines in the burden. Dimensions of the combustion zone  
were measured by sampling gases along the tuyère axis and  
by direct probing with the sampling tube. The experimental

Card1/3

SOV/133-58 10-3/31

The Influence of Blast Temperature on the Dimensions of the Oxidising Zone in a Blast Furnace

results are given in Tables 1, 2 and Figures 2-7. Some special features of furnace operation when an exceptionally long combustion zone was observed are given in Table 3. A large spread of the experimental results was obtained which necessitated a separate study of the operating conditions for cases when exceptionally long and exceptionally short combustion zones were observed. A very short combustion zone is characterised by an unusually high content of either  $\text{CO}_2$  or  $\text{CO}$ . This can be caused by an accumulation of unprepared flux (evolution of  $\text{CO}_2$ ) or unprepared burden.

In such cases, the oxidising zone is limited by this dense accumulation. An exceptionally long combustion zone, out of proportion to the kinetic energy of blast, coincided with periods of an incorrect distribution of the gas stream, particularly with channelling and a considerable increase in the permeability of the central part of the furnace. If the exceptionally short and long combustion zones are excluded, then in a number of cases the dependence of the size of combustion zone on the blast temperature can be detected. The length of the combustion zone as measured

Card2/3

SOV/133-58-10-3/31

The Influence of Blast Temperature on the Dimensions of the Oxidising Zone in a Blast Furnace

by direct probing increases with temperature at blast rates 2 000, 2 200, 2 250 and 2 300 m<sup>3</sup>/min (at 2 200 m<sup>3</sup>/min it decreases and at 2 400 m<sup>3</sup>/min it remains constant). The oxygen zone (Figures 5 and 6) behaves differently; with increasing temperature it remains in the majority of cases constant or decreases. Thus, increasing temperature or, strictly speaking, kinetic energy of the blast, increases the length of the combustion zone (determined by the position of 2 or 3% of CO<sub>2</sub> or by direct probing) but has practically no influence on the size of the oxygen zone. There are 3 tables, 7 figures and 9 references, 6 of which are Soviet, 2 English and 1 German.

ASSOCIATIONS: Novo-Lipetskay zavod (Novo-Lipetskly Works) and Institut metallurgii AN SSSR (Institute of Metallurgy of the AS, USSR)

Card 3/3

**"APPROVED FOR RELEASE: 08/31/2001**

**CIA-RDP86-00513R001858720018-1**

**APPROVED FOR RELEASE: 08/31/2001**

**CIA-RDP86-00513R001858720018-1"**

L 26161-66 EWP(h)/EWT(d)/EWP(1)  
 CC NR: AP6006350 (A)

SOURCE CODE: UR/0413/66/000/002/0084/0084

AUTHORS: Reznik, A. P.; Lobov, A. G.; Auerbakh, V. M.; Trofimov, A. P.; yashin,  
K. A.; Vasil'chenko, N. M.

ORG: none

TITLE: A means of mounting upper sections of crane masts with the boom. Class 35,  
 No. 178071

SOURCE: Izobreteniya, promyshlennyye obraztsey, tovarnyye znaki, no. 2, 1966, 84

TOPIC TAGS: crane, construction equipment

ABSTRACT: This Author Certificate describes the mounting of upper sections of crane masts with the boom. The upper sections are set by means of crane mechanisms which are on the lower section of the mast which is on a rotating platform. The leading end of the boom and the base of the supporting part of the mast are joined by a cable which, in turn, is fastened to the edge of the platform. Thus the elevation of the upper sections of the mast is secured by the boom through their turning relative to the place where the truss joins the platform (see Fig. 1).

Card 1/2

UDC: 621.873.25.002.72 2



L 26161-66  
ACC NR: AP6006350

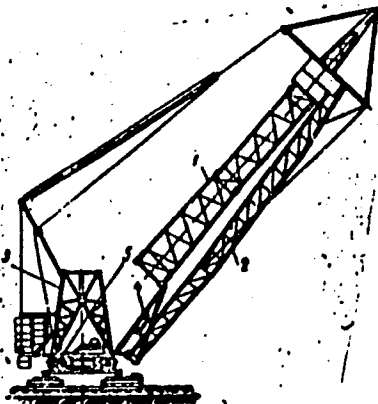


Fig. 1. 1 - upper sections of the mast;  
2 - boom; 3 - lower section of the mast;  
4 - truss; 5 - rotating crane platform.

Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 180ot63

Card 2/2 CC

AUTHORS: Vasil'chenko, N.S., Engineer SOV/133-58-10-16/31

TITLE: An Increase in the Durability of Hardened Steel Rolls by an Additional Tempering (Povysheniye stoykosti zakalennykh stal'nykh valkov putem dopolnitel'nogo otpuska)

PERIODICAL: Stal', 1958, Nr 10, pp 917 - 920 (USSR)

ABSTRACT: Low durability of hardened steel rolls of three-stand continuous mills (tandem) on the above works (at the beginning of 1957: 362-530 tons per roll) necessitated their additional tempering at 165-180 °C with 6 hours' soaking. This additional tempering had only an insignificant influence on the roll hardness. The tempering procedure is described in some detail. There are 2 tables and 2 figures.

ASSOCIATION: Zavod "Zaporozhstal'" ("Zaporozhstal'" Works)

Card 1/1

VASIL'CHENKO, N.V.

Development of public health on the Volga Valley Railroad.

Sbor. nauch. rab. Sar. gos. med. inst. 44:5-11 '64.

(MIRA 18:7)

1. Nachal'nik Vrachebno-sanitarnoy sluzhby Privolzhskoy  
zheleznoy dorogi.

VASIL' CHENKO, N.V., kand. tekhn. nauk

Electroluminescent brightness amplifiers. Svetotekhnika 4 no. 8:27-  
30 4g '58. (MIRA 11:7)

(Luminescence)

TSYLEV, L.M.; SERGEYEV, P.F.; KAPORULIN, V.H.; MATVEYEV, P.M.;  
VASIL'CHENKO, N.V.

Steam and air blowing as intensification of the blast furnace  
process. Trudy Inst. met. no.8:3-10 '61. (MIRA 14:10)  
(Blast furnaces)

VASIL'CHENKO, P.

How we strengthen rural budgets. Fin.SSSR 37 no.4:60 Ap '63.  
(MIRA 16:4)

1. Starshiy inspektor byudzheta Vasil'yevskogo rayona Zaporozhskoy oblasti.  
(Vasil'yevskiy District (Zaporozh'ye Province)—Finance)

VASIL'CHENKO, P.A., inzh.; SALT'YKOV, M.A., inzh.; TALYANKER, Yu.Ye., inzh.

Protection of the 2D100 diesel engine from the effects of  
explosions occurring in the crankcase. Elek. 1 tepl. tiaga  
2 no. 12:30-31 D '58. (MIRA 12:1)  
(Diesel engines--Testing)

GONCHAROV, V.; VASIL'CHENKO, P.

Milling machine with programmed control. Un.tekh. 4 no.8:50-51  
Ag '60. (MIRA 13:9)

(Milling machines--Numerical control)



L 8159-66 EPF(n)-2/T-2/ETC(m)/EWP(f) WW

ACC NR: AP5025065

SOURCE CODE: UR/0286/65/000/016/0116/0116

AUTHORS: Morgulis, P. S.; Vasil'chenko, P. A.; Shifrin, M. G.; Repin, M. I. B  
51

ORG: none

TITLE: Method of increasing pick-up (acceleration) of diesel generators with gas turbine superchargers. Class 46, No. 174039

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 116

TOPIC TAGS: engine governor, supercharger, gas turbine, diesel engine

ABSTRACT: This Author Certificate presents a method for improving the pick-up of diesel generators with gas turbine superchargers by controlling the supply of exhaust gases to the turbine. To permit load variations without change in engine speed, the step-wise changes of turbine partiality (partial admission) are accomplished by supplying exhaust gases from one or several collectors to the turbine. The control is provided by a gas distributing valve which is activated according to engine load.

SUB CODE: PR/ SUBM DATE: 01Jun64

JW

Card 1/1

UDC: 621.436  
2

VASIL'CHENKO, R.

Rural builders are learning. Sel'. stroi. 17 no.4:10 Ap '63.  
(MIRA 16:7)  
(Belgorod Province---Building trades---Study and teaching)

VASIL'CHENKO, R.S.

Reflexes from the carotid sinus affecting blood circulation,  
respirations and lymph circulation. Biul.eksp.biol. i med.  
40 no.10:11-14 Oct.'55. (MLRA 9:1)

1. Iz Instituta fiziologii (dir.-deystvitel'nyy chlen AN  
Kazakhskoy SSR prof. A.P.Polosukhin) AN Kazakhskoy SSR.

(CAROTID SINUS, physiology,

eff. of stimulation on blood pressure, lymph circ.  
& resp.)

(RESPIRATION, physiology,

eff. of carotid sinus stimulation)

(BLOOD PRESSURE, physiology,

eff. of carotid sinus stimulation)

(LYMPH

circ.,eff. of carotid sinus stimulation)

VASIL'CHENKO, R.S.; BULEKBAYEVA, L.E.; KAIPOVA, Z.N.; VASIL'YEVA, Ye.N.

Lymph circulation changes and some biochemical ingredients of  
lymph in passive movement of animal extremities. Izv. AN Kazakh.  
SSR. Ser. med. i fiziol. no.2:6-10 '59 (MIRA 13:3)  
(LYMPH) (EXERCISE)

VASIL'CHENKO, R.S.

Effect of local hot and cold applications on arterial and venous pressures, lymph circulation and respiration. Biul.eksp.biol.i med.  
48 no.10:7-10 0 '59. (MIRA 13:2)

1. Iz laboratorii limfoobrashcheniya (zav. - kand.med.nauk A.M. Beketayev) Instituta fiziologii (dir. - prof. A.P. Polosukhin) AN Kazakhskoy SSR, Alma-Ata. Predstavlena deystvitel'nyy chlenom AMN SSSR V.N. Chernigovskim.

(TEMPERATURE eff.)

(BLOOD PRESSURE physiol.)

(LYMPHATIC SYSTEM physiol.)

(RESPIRATION physiol.)

VASIL'CHENKO, R.S.; BULEKBAYEVA, L.E.; KAIPOVA, Z.N.; VASIL'YEVA, Ye.N.

Changes in the lymph flow and some biochemical lymph components  
following the stimulation of the sciatic nerve and sinocarotid zone.  
Report No.2. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no.1:3-10 '61.  
(MIRA 15:4)

(LYMPH)

(SCIATIC NERVE)

(CAROTID SINUS)

VASIL'CHENKO, R.S.; BULEKBAYEVA, L.E.; KAIPOVA, Z.N.; VASIL'YEVA, Ye.N.

Changes in the lymph flow and some biochemical lymph components  
following the stimulation of the vagus nerve. Report No.3. Izv.  
An Kazakh. SSR. Ser. med. i fiziol. no.1:11-15 '61. (MIRA 15:4)  
(LYMPH) (VAGUS NERVE)

VASIL'CHENKO, R.S.; BULEKBAYEVA, L.E.; KAIPOVA, Z.N.; VASIL'YEVA, Ye.N.

Changes in the lymph circulation and some biochemical lymphatic ingredients in the stimulation of the intestinal chemoreceptors.  
Report No. 5. Izv. AN Kazakh. SSR. Ser. med. nauk no.1:12-14 '63.  
(MIRA 16:10)

X



VASIL'CHENKO, R.S.; BULEKBAYEVA, L.E.; KAIPOVA, Z.N.; VASIL'YEVA, Ye.N.

Mechanism of changes in the lymph circulation induced by stimulation of the mechanoreceptors of organs of the gastrointestinal tract. Izv. AN Kazakh. SSR Ser. med. nauk no.2: 3-12'63. (MIRA 16:10)

(LYMPHATICS) (ALIMENTARY CANAL — INNERVATION)

VASIL'CHENKO, R.S.; BULEKBAYEVA, L.E.; KAIPOVA, Z.N.; VASIL'YEVA, Ye.N.

Mechanism of the change in lymph circulation due to the stimulation of the receptors of the emunctory organs. Izv. AN Kazakh. SSR. Ser. med. nauk no.1:16-24 '64 (MIRA 17:7)

VASIL'CHENKO, S.F. Cand Geol-Min Sci -- (diss) "Relationships  
between veins of gold ore and grainized enclosing rocks  
in the Kazhenshoye deposit." Mos, 1958. 14 pp. (Mos Order of  
Lenin and Order of Labor Red Banner State U im M.V. Lomonosov.  
Geol Faculty.) 110 copies. Bibliography: pp 13-14. (14 titles.).  
(KL, 12-58, 97)

-25-

VASIL'CHENKO, S.F.

VASIL'CHENKO, S.F.

Plagioclases of a contact zone in the Uda granodioritic intrusion  
of eastern Transbaikalia. Zap.Vses.min.ob-va 84 no.3:369-374 '55.

(MIRA 8:11)

1. Institut Nigrizoloto, Moscow  
(Transbaikalia--Feldspar)

DIDENKO, V.Ye.; TSAREV, M.N.; DMITRIYEV, M.M.; LEYTES, V.A.; OBUKHOVSKIY, Ya.M.; IVANOV, Ye.B.; CHERTOK, V.T.; URSALENKO, R.N.; KRIGER, I.Ya.; PINCHUK, A.K.; ANTONENKO, N.Z.; SMUL'SON, A.S.; VASIL'CHENKO, S.I.; DRASHKO, A.M.; RAYEVSKIY, B.N.; KUCHIRYAVENKO, D.N.; SAVCHUK, A.I.; ZHURAVLEVA, L.I.; BAUTIN, I.G.; KHRIYENKO, V.Ya.; MOSENKO, N.K.; CHEBONENKO, G.P.; LISSOV, L.K.; MAMONTOV, V.V.; BELUKHA, A.A.; POYDUN, V.F.; VOLODARSKIY, M.B.; KAL'CHENKO, G.D.; LEVCHENKO, V.M.; BASHKIROV, A.A.; VOROB'YEV, M.F.; IL'CHENKO, L.I.; PODSHIVALOV, F.S.; MOGIL'NIY, P.P.; LEVI, A.R.; VASLYAYEV, G.P.; DURNEV, V.V.; OSYPA, S.S.; SAMOFALOV, G.N.; FOMIN, A.F.; LESHCHINA, A.I.; FANKEL'BERG, G.Ye.; KHODANKOV, A.T.; MAKARENKO, I.S.; KARPOVA, K.K.; VASILENKO, I.M.; VOLOSHCHUK, A.S.; SHELKOV, A.K.; FILIPPOV, B.S.; TYUTYUNNIKOV, G.N.; DOLINSKIY, M.Yu.; NIKITINA, P.P.; MEDVEDEV, S.M.; TSOGLIN, M.E.; LERNER, R.Z.; BOGACHEV, V.I.

Mihail Iakovlevich Moroz; obituary. Koks 1 khim.no.3:64 '56.(MLRA 9:8)  
(Moroz, Mikhail Iakovlevich, 1902?-1956)

VASIL'CHENKO, S.I.; ZAPOROZHETS, A.K.; OKSANICH, I.F.

Mechanical cleaning of coke-oven doors at the Krivoy Rog Coke  
Plant. Koks i khim. no.1:40-41 '56. (MLRA 9:5)

1. Krivorozhskiy koksokhimicheskiy zavod.  
(Krivoy Rog--Coke ovens)

BRUK, A.S.; LEYBOVICH, R.Ye.; IVANOV, Ye.B.; SMUL'SON, A.S.; BELUKHA, A.A.; MUCHNIK, D.A.; FARTUSHNAYA, R.M.; Primali uchastiye: KUTEVOY, P.M.; GOL'DBERG, P.Ya.; NECHAYEVA, A.P.; KUBYSEKINA, L.I.; SHEYKHET, A.M.; VASIL'CHENKO, S.I.; BARASH, D.A.; KARPOVA, K.K.; KHODANKOV, A.T.

Effect of temperature changes in the control heating flues on the quality of the metallurgical coke. Koks i khim. no.7:26-27 '63. (MIRA 16:8)

1. Dnepropetrovskiy metallurgicheskiy institut (for Bruk, Leybovich, Kutevoy, Gol'dberg, Nechayeva, Kubyshkina, Sheykheta).
2. Krivorozhskiy metallurgicheskiy zavod (for Ivanov, Smul'son, Belukha, Muchnik, Fartushnaya, Vasil'chenko, Barash, Karpova, Khodankov).

(Coke ovens) (Coke--Testing)

MUCHNIK, D.A.; IVANOV, Ye.B.; KUSHNIROV, V.F.; VASIL'CHENKO, S.O.; KROTOVA, N.I.

Effect of the coarseness of crushing of the various coal charge  
components of the quality of coke. Koks i khim. no.1:5-7 '63.

(MIRA 16:2)

1. Krivorozhskiy metallurgicheskiy zavod.  
(Coke)



VASIL'CHENKO, T., kand.tekhn.nauk

Happy motoring, automobilists. Za bezop.dvizh. 6 no.7:8-9  
Jl '63. (MIRA 16:10)

VASIL'CHENKO, T.A.

SHELESTOVA, E.P., nauchnyy sotrudnik; VASIL'CHENKO, T.A., nauchnyy sotrudnik

Vomiting of the color of coffee grounds in dysentery in infants.  
Pediatritia no.2:39-40 Mr-Ap '54. (MLRA 7:6)

1. Iz L'vovskogo nauchno-issledovatel'skogo instituta okhrany  
materinstva i detstva (i.o.direktora-kandidat meditsinskikh  
nauk M.L.Zalotavina, nauchnyi rukovoditel'-prof. S.I.Ignatov)

(DYSENTERY, in infant and child,

\*vomiting, dark brown color of)

(VOMITING, in various diseases,

\*dysentery in inf., dark brown color of)

VASIL'CHENKO, T.A.

VASIL'CHENKO, T.A.: "The clinical features and diagnosis of dysentery in young children". L'vov, 1954. L'vov State Medical Inst. (Dissertations for the Degree of Candidate of Medical Sciences).

SO: Knizhnaya letopis' No 45, 5 November 1955. Moscow.

VASIL'CHENKO, T.A. [Vysl'chenko, T.A.], kand.med.nauk

Importance of rectoromanoscopy for differential diagnosis in gastro-intestinal diseases in younger children. Ped., akush. i gin. 19  
no.3:31-32 '57. (MIRA 13:1)

1. Otdel profilaktiki i terapii detskikh bolezney (rukovoditel' -  
kand.med.nauk A.Kh. Dortort) L'vovskogo nauchno-issledovatel'skogo  
instituta okhrany materinstva i detstva (direktor - I.D. Yashchuk).  
(ENDOSCOPY) (INTESTINES--DISEASES)

*ВАСИЛ'ЧЕНКО, Т.А.*  
VASIL'CHENKO, T.A., kand.med.nauk (Tageran)

It happened in Teheran. Zdorov'e 4 no.3:24 Mr '58. (MIRA 11:3)  
(TEHRAN--CHILDREN--MEDICAL CARE)

SOKOLOV, A.V., prof.; LYASKOVSKAYA, Yu.N., kand. tekhn. nauk; UNANOV, G.S., starshiy nauchnyy sotrudnik; KARAVAYEVA, S.G., mladshiy nauchnyy sotrudnik; TALAYEVA, M.I., mladshiy nauchnyy sotrudnik; KRASIL'NIKOVA, T.F., mladshiy nauchnyy sotrudnik; LAVROVA, G.M., mladshiy nauchnyy sotrudnik; KOTOV, P.Ya., mladshiy nauchnyy sotrudnik; VASIL'CHENKO, T.A., mladshiy nauchnyy sotrudnik

Effect of the breed and feeding of swines on the quality of  
pork meat. Trudy VNIIMP no.12:3-29 '62. (MIRA 18:2)

L 44786-66 EWT(d)/EWP(e)/EWT(m)/EWP(w)/EWP(v)/EWP(j)/T/EWP(t)/ETI/EWF(k)/  
ACC NR: AP6031414 EWP(h)/EWP(l) IJP(SOURCE CODE: UR/0135/66/000/009/0040/0040  
JD/WW/HM/JG/EM/RM/WH

AUTHOR: Vasil'chenko, T. P. (Engineer)

ORG: none

TITLE: Scientific technical conference on diffusion welding in vacuum

SOURCE: Svarochnoye proizvodstvo, no. 9, 1966, 40

TOPIC TAGS: diffusion bonding, vacuum diffusion bonding, *metallurgic* ~~diffusion welding~~ conference, *vacuum diffusion, diffusion welding, metal bonding*

ABSTRACT: The Fourth All-Union scientific technical conference on vacuum diffusion bonding of metals, alloys and nonmetallic materials was held 27-31 May 1966 in

Moscow. The conference, convened by MB and SSO SSSR, TsS VOIR, MEP SSSR and the Scientific Research Laboratory for Diffusion Welding in Vacuum (FNILDSV), was attended by 600 specialists who presented more than 70 reports. N. F. Kazakov, Doctor of Technical Sciences, described technical and economic advantages of vacuum diffusion bonding over previously known welding methods, particularly for joining materials which generally cannot be joined by other methods. He stated that at present, 318 pairs of dissimilar materials can be joined by the diffusion bonding. More than 150 units for diffusion bonding in vacuum are presently used in industrial and experimental production. The State Commission approved SDVU-4, SDVU-15, A306.08 and A306.06 units for series production. The Tbilisi Plant of Electric Welding Equipment im. Ye. O. Paton began series production of diffusion bonding equipment.

Card 1/3

UDC: 621.791.4:539.378.3:061.3

L 44786-66

ACC NR: AP6031414

50

Engineer V. S. Sarchenko, a representative of the Ministry of Electrical Industry SSSR, reported on the production plan for diffusion bonding units in 1966—1970. M. V. Venzovskiy and A. F. Khudyshv (Moscow), A. I. Leykin, B. F. Kan'shin and A. S. Luganskiy (Moscow), G. K. Kharchenko and S. M. Gurevich (Kiev), I. L. Kagan (Rostov-on-Don), Yu. A. Galkin, G. A. Shchepetina, N. F. Kazakov, B. P. Kapralov, A. P. Shishkova, I. L. Popov, A. F. Nesmelov and E. I. Ul'yanova (Moscow), O. A. Bel'tyukov (L'vov), V. F. Krasnitskiy (Nikolayev), L. N. Lado (Izhevsk), V. V. Nichushking (Dnepropetrovsk) presented reports on the application of diffusion bonding in the production of vacuum tubes, axial-piston machinery, heat resistant alloy turbine blades, powerful hydrogen thyatrons, and many other critical parts. All diffusion-bonded joints had excellent strength, corrosion and thermal shock resistance and vacuum tightness. N. I. Postnova, Yu. N. Kopylov, E. S. Karakozov, N. V. Urusov, L. F. Shumitskaya and N. F. Kazakov (Moscow), N. N. Fefedov (Kiev), and V. F. Popova (Leningrad) spoke of the application of diffusion bonding for joining nonmetals and metals to nonmetals, e.g., sitals to metals, semiconductor ceramics to metals, alumosilicate glasses to metals, alundum to niobium, and quartz glass to metals. N. F. Kazakov and L. M. Kuz'mina (Moscow) reported on the status and prospects in the development of equipment for vacuum diffusion bonding. G. V. Konyushkov and V. A. Antonov (Saratov), A. F. Khudyshv, V. G. Elbakidze, M. V. Venzovskiy, B. P. Kapralov, V. N. Moiseyev, and I. V. Zuyev (Moscow), N. Ye. Kasich-Pilipenko (Kiev), and Ye. K. Kovshikov (Tbilisi) described their experience in building specialized bonding equipment including those with new heat sources. Particularly interesting was the report of A. M. Ragulin, A. G. Smorodinov and V. I. Gavrilov (Novosibirsk) on an

Card 2/3



ACC NR: AP6031414

10

automatic unit for continuous diffusion bonding. N. F. Kazakov (Moscow) discussed theoretical fundamentals of diffusion bonding of metallic and nonmetallic materials. The electron mechanism of diffusion bonding was discussed by G. V. Samsonov, A. L. Burykina and O. V. Yevtushenko (Kiev). M. Kh. Shorshorov and Yu. L. Krasulin spoke on the mechanism of the bond formation. V. V. Krylov and N. F. Kazakov (Moscow), S. Ye. Ushakova and V. V. Kovrigin (Krasnoyarsk) and V. A. Bos'ko and V. N. Volchenko (Moscow) reported on the equality control in diffusion bonding. I. V. Klushina (Moscow) described the economic efficiency of diffusion bonding. The conference recommended wide use of diffusion bonding in industrial production. [MS]

SUB CODE: 13/ SUBM DATE: none/ ATD PRESS: 5080

Card 3/3 *amm*

VASIL'CHENKO, U.S. [Vasyl'chenko, U.S.], inzh.

One milkmaid works with four milking machines. Mekh. sil'.  
hosp. 11 no.10:24-25 0 '60. (MIRA 13:9)  
(Milking machines)

KOVALENKO, O.Ya.; VASIL'CHENKO, U.S. [Vasyl'chenko, U.S.]; GUBKO,  
I.M. [Hubko, I.M.]

Mechanized swine fattening stations serving several collective  
farms. Mekh. sil'.hosp. 12 no.8:21-24 Ag '61. (MIRA 14:7)

I. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii  
i elektrifikatsii sel'skogo khozyaystva.  
(Swine---Feeding and feeds) (Farm mechanization)

VASIL'CHENKO, V., champion Sovetskogo Soyuzn po kordovym modelyam.

The Il-2 airplane model. Kryl.rod. 3 no.8:21-22 Ag '52. (MIRA 8:8)  
(Airplanes--Models)

VASIL CHENKO, V

AID P - 3105

Subject : USSR/Aeronautics

Card 1/1 Pub. 58 - 10/19

Author : Vasil'chenko, V.

Title : Technique of maneuvering line model aircraft

Periodical : Kryl. rod., 8, 14-16, Ag 1955

Abstract : The author shows three simple devices of line model aircraft control and explains the method of performing various flying figures. Diagrams.

Institution : None

Submitted : No date

VASIL'CHENKO, V.

85-58-2-27/36

AUTHORS: V. Vasil'chenko, Sportsman 1st Rank, and M. Vasil'chenko, Master  
of Sports

TITLE: Construction of the Geometry of a Propeller Blade for a  
Piston Engine Model (Postroyeniye geometrii lopasti vozdušnogo vinta  
modeli s porshnevym dvigatelem)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 2, pp 26-27 (USSR)

ABSTRACT: The authors discuss the various geometrical characteristics of  
propeller blades. There are 4 drawings.

AVAILABLE: Library of Congress

Card 1/1

PHASE I BOOK EXPLOITATION SOV/AC20

Arsenolizm; sbornik statey, posobiye dlya rukovodivshykh aviamodel'-  
nykh krugov i uchitel'ey (Aircraft Modeling; Collection of Articles,  
Handbook for Instructors of Model Aircraft Clubs and Teachers)  
Moscow, Vspedgiz, 1960. 141 p. 12,000 copies printed.

Compilers: E.B. Mikhrumov, Candidate of Technical Sciences, and  
M.S. Lebedinskiy, Candidate of Technical Sciences; Ed.:  
A.Ye. Stachurskiy; Tech. Ed.: V.I. Komaryeva.

PURPOSE: This book is intended for instructors and directors of  
model airplane clubs sponsored by MOHAF (All-Union Voluntary  
Society for Promotion of the Army, Navy, and Air Force).

COVERAGE: The book consists of 17 articles covering various aspects  
of model aircraft design, construction and operation. The text  
contains many illustrations and diagrams. No personalities are  
mentioned. There are 185 references, all Soviet.

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VASIL' CHENKO, V.

VASIL'CHENKO, V., master sporta (g.Dnepropetrovsk)

Model of a jet plane. Kryl.rod. 13 no.1:22 Ja '62.

(MIRA 15:2)

(Jet planes---Models)



VASIL'CHENKO, V., master sporta (Dnepropetrovsk)

With a single cord. Kryl.rod. 14 no.6:46-47 Je '63. (MIRA 16:7)  
(Airplanes-Models)



VOLKOV, D.P., kandidat tekhnicheskikh nauk; VASIL'CHENKO, V.A., inzhener.

Investigating disk friction flywheel clutches. [Trudy] VNIISroi-  
dormash no.15:42-62 '57. (MLRA 10:6)

(Clutches (Machinery))

*VASIL'CHENKO, V.A.*

VASIL'CHENKO, V.A., inzh.

Operating machinery for breaking up frozen ground. Stroi. i dor.  
mashinostr. 3 no.3:6-7 Mr '58. (MIRA 11:3)  
(Frozen ground) (Earthmoving machinery)

VASIL'CHENKO, V.A., inzh.; STEFANOV, V.V., inzh.

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